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(54) Title: **USE OF BISPHOSPHONIC ACID DERIVATIVES FOR THE TREATMENT OF CALCIUM PHROPHOSPHATED DEPOSITION DISEASE AND DENTAL TREATMENT**

(57) Abstract: The use of bisphosphonic acid derivatives, as well as salts and hydrates thereof, for the preparation of a medicament for the treatment of calcium pyrophosphate deposition disease (CPDD), such as pseudogout and chondrocalcinosis, is disclosed. The invention further discloses the use of these bisphosphonate derivatives for the manufacture of a dental filling or medicament for the prevention or treatment of dental caries. Further provided are compositions useful for delaying the deposition of calcium pyrophosphate, such as in joints, as well as for treating or preventing cavities in a tooth.

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